Sheet	1	of	1	

Substitute Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Attomey's Docket No. 01194-459001	Application No. 10/830,195	
	closure Statement pplicant	Applicant Buiser et al.		
(Use several sheets if necessary)		Filing Date April 22, 2004	Group Art Unit	

U.S. Patent Documents								
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
	AA							

Foreign Patent Documents or Published Foreign Patent Applications									
Examiner	Desig.	Document	Publication	Country or			Trans	lation	
Aitiel	ID	Number	Date	Patent Office	Class	Subclass	Yes	No	
AMS	AB	WO 03/013552	02/20/2003	WIPO					
ATT	AC	WO 2004/040972	05/21/2004	WIPO					

Other Documents (include Author, Title, Date, and Place of Publication)						
Examiner Initial	Desig. ID	Document				
	AD					

Examiner Signature

Date Considered 2-19-07

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet	l o	f	1

•	•			
Substitute Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-459001	Application No. 10/830,195	
' " \	closure Statement pplicant	Applicant Buiser et al.		
Man E	heets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742	
(37 CFR §198(b))			•	

TRADE	U.S. Patent Documents						
Examiner Injtial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
MAK .	AA	2003/0215519	11/20/2003	Schwarz et al.			

	Foreign Patent Documents or Published Foreign Patent Applications									
Examiner	Desig.	Document	Publication	Country or		· ·	Trans	slation		
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No		
	AB		-							

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
	AC	

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Attorney's Docket No. 01194-459001 Application No. 10/830,195

Applicant Marcia Buiser et al.

Filing Date April 22, 2004 April 22, 2004

Application No. 01194-459001 10/830,195

U.S. Patent Documents								
Examiner 	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
MAK.	ΑI	2,275,154	03/03/1942	Merrill et al.				
	A2	4,034,759	07/12/1977	Наегт				
	A3	4,094,848	06/13/1978	Naito				
	A4	4,096,230	06/20/1978	Наеп				
	A5	4,159,719	07/03/1979	Наегт				
	. A6	4,402,319	09/06/1983	Handa et al.				
	A7	4,640,807	02/03/1987	Afghan et al.				
	A8	4,674,480	06/23/1987	Lemelson				
	A9	4,695,466	09/22/1987	Morishita et al.				
	A10	4,793,980	12/27/1988	Torobin				
	A11	4,897,255	01/30/1990	Fritzberg et al.				
	A12	4,946,899	08/07/1990	Kennedy et al.				
	AI3	5,015,423	05/14/1991	Eguchi et al.				
	A14	5,091,205	02/25/1992	Fan				
	A15	5,181,921	01/26/1993	Makita et al.				
	A16	5,190,760	03/02/1993	Baker				
	A17	5,192,301	03/09/1993	Kamiya et al.				
	A18	5,263,992	11/23/1993	Guire				
	A19	5,320,639	06/14/1994	Rudnick				
	A20	RE 34,640	06/14/1994	Kennedy et al.				
	A21	5,328,936	07/12/1994	Leifholtz et al.				
	A22	5,336,263	08/09/1994	Ersek et al.				
	A23	5,443,495	08/22/1995	Buscemi et al.				
	A24	5,733,925	03/31/1998	Kunz et al.				
	A25	5,741,331	04/21/1998	Pinchuk				
	/ A26	5,840,387	11/24/1998	Berlowitz-Tarrant et al.				
Ψ	A27	5,888,930	03/30/1999	Smith et al.				

Examiner Signature			Date Considered	1 /4					
$M \sim$	(/		7	2-19-07					
	-0		_						
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with									
next communication to applicant									

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attomey's Docket No. Application No. 10/830,195		
	closure Statement pplicant	Applicant Marcia Buiser et al.		
(Use several si (37 CFR §1.98(b))	heets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742	

	U.S. Patent Documents								
Examiner	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate		
MY	A28	5,895,398	04/20/1999	Wensel et al.					
	A29	5,902,834	05/11/1999	Porrvik					
	A30	6,048,908	04/11/2000	Kitagawa					
	A31	6,056,721	05/02/2000	Shulze					
	A32	6,056,844	05/02/2000	Guiles et al.					
	A33	6,160,084	12/12/2000	Langer et al.					
	A34	6,179,817	01/30/2001	Zhong					
	A35	6,214,384	04/10/2001	Pallado et al.					
	A36	6,245,090	06/12/2001	Gilson et al.					
	A37	6,251,661	06/26/2001	Urabe et al.					
	A38	6,280,457	08/28/2001	Wallace et al.					
	A39	6,296,604	10/02/2001	Garibaldi et al.					
	A40	6,296,622	10/02/2001	Kurz et al.					
	A41	6,296,632	10/02/2001	Luscher et al.	·				
	A42	6,306,419	10/23/2001	Vachon et al.					
	A43	6,306,425	10/23/2001	Tice et al.					
	A44	6,312,407	11/06/2001	Zadno-Azizi et al.		_			
	A45	6,312,942	11/06/2001	Plüss-Wenzinger et al.					
	A46	6,355,275	03/12/2002	Klein					
	A47	6,368,658	04/09/2002	Schwarz et al.					
	A48	6,379,373	04/30/2002	Sawhney et al.					
1/	A49	2002/0054912	05/09/2002	Kim et al.					
	A50	6,388,043	05/14/2002	Langer et al.					
	A51	2002/0061954	05/23/2002	Davis et al.					
V	A52	6,436,112	08/20/2002	Wensel et al.					
N	A53	6,443,941	09/03/2002	Slepian et al.					
1	A54	/ \$,458,296	10/01/2002	Heinzen et al.					
		//							

/				
Examiner Signature			Date Considered	
X	λ - `		l 2-19	10+
	<u> </u>			
EXAMINER: Initials citat	ion considered.	waw line through citation if no	it in conformance and not conside	ered. Include copy of this form with
next communication to a	onlicant	=		

Substitute Form PTO-1449 (Modified)	**** = - *		Attorney's Docket No. Application No. 01194-459001 10/830,195		
	closure Statement	Applicant Marcia Buiser et al.			
(Use several st	neets if necessary)	Filing Date April 22, 2004	Group Art Unit		

U.S. Patent Documents									
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	, Class	Subclass	Filing Date If Appropriate		
H	A55	2002/0160109	10/31/2002	Yeo et al.					
	A56	6,476,069	11/05/2002	Krall et al.					
	A57	2002/0182190	12/05/2002	Naimark et al.					
	A58	6,495,155	12/17/2002	Tice et al.					
	A59	2002/0197208	12/26/2002	Ruys et al.					
	A60	2003/0007928	01/09/2003	Gray					
	A61	2003/0032935	02/13/2003	Damiano et al.					
	A62	6,544,503	04/08/2003	Vanderhoff et al.					
	A63	6,545,097	04/08/2003	Pinchuk et al.					
	A64	6,575,896	06/10/2003	Silverman et al.					
	A65	2003/0108614	06/12/2003	Volkonsky et al.					
	A66	6,602,261	08/05/2003	Greene, Jr., et al.					
	A67	6,605,111	08/12/2003	Bose et al.					
	A68	2003/0183962	10/02/2003	Buiser et al.					
	A69	2003/0185895	10/02/2003	Lanphere et al.					
	A70	2003/0185896	10/02/2003	Buiser et al.					
	A71	2003/0187320	10/02/2003	Freyman					
	A72	6,629,947	10/07/2003	Sahatjian et al.					
	A73	6,632,531	10/14/2003	Blankenship					
	Á74	2003/0194390	10/16/2003	Krall et al		,			
	A75	2003/0203985	10/30/2003	Baldwin et al.					
	A76	2003/0206864	11/06/2003	Mangin					
	A77	6,652,883	11/25/2003	Goupil et al.					
	A78	2003/0233150	12/18/2003	Bourne et al.					
	A79	6,699,222	03/02/2004	Jones et al.					
	1 80	2004/0076582	04/22/2004	DiMatteo et al.					
	Asy	2004/0091543	05/13/2004	Bell et al.					
Y	VI								

Examiner Signatule	Date Considered
1/1 - 9/1	1 - 1ant
	0 11.01
EXAMINER: Initials citation considered. Draw line through citation if no	t in conformance and not considered. Include copy of this form with
next communication to applicant	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-459001	Application No. 10/830,195	
	closure Statement	Applicant Marcia Buiser et al.		
(Use several st	neets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742	

			U.S. Pat	ent Documents			
Examiner Anitial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
100ther	A82	2004/0092883	05/13/2004	Casey III, et al.		•	
1	A83	2004/0096662	05/20/2004	Lanphere et al.			
	A84	2004/0101564	05/27/2004	Rioux et al.			
	A85	2004/0186377	09/23/2004	Zhong et al.			
	A86	2005/0025800	02/03/2005	Tan			
	A87	2005/0037047	02/17/2005	Song			
	88A	2005/0095428	05/05/2005	DiCarlo et al.			
. 17	A89	2005/0129775	06/16/2005	Lanphere et al.			
VII	A90	2005/0196449	09/08/2005	DiCarlo et al.			
W	A91	2005/0226935	10/13/2005	Kamath et al.			

Examiner	Desig.	Document	Publication	Country or				lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
XAAS	A92	AU-A-76186/98	10/15/1998	Australia				
THE	A93	EP 0 067 459 A1	12/22/1982	EPO				
11.	A94	EP 0 122 624	10/24/1984	EPO				X
XXXX	A95	EP 0 122 624	10/24/1984	EPO (Abstract)			Х	
<u> </u>	A96	EP 0 123 235	10/31/1984	EPO				_x_
XATZ	A97	EP 0 123 235	10/31/1984	EPO (Abstract)			Х	
YWS	A98	EP 0 243 165	10/28/1987	EPO				
AHAS	A99	EP 0 294 206	12/07/1988	EPO				
	A100	EP 0 458 079	11/27/1991	EPO	-			X
XXXX	A101	EP 0 458 079	11/27/1991	EPO (Abstract)			х	
YAR	A102	EP 0 458 745	11/27/1991	EPO				
	A103	EP 0 067 459 B2	03/09/1998	EPO				
V	A104	EP 0 764 047	08/27/2003	EPO				
V	A105	EP 0 993 337	04/14/2004	EPO				

ONY

ony

Examiner Signature

Date Considered

2-19-07

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attomey's Docket No. 01194-459001	Application No. 10/830,195	
l .	closure Statement pplicant	Applicant Marcia Buiser et al.		
(Use several si	heets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742	

		Foreig	n Patent Docur	nents or Pu	ıblished Foreign F	Patent A	Application		
	Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans Yes	Slation No
· made	1	A106	DE 3834705	04/12/1990	Germany				×
MS	100	A107	DE 3834705	04/12/1990	Germany (Abstract)		:	х	
1 (49)		- A108	DE 297 24 255 U1	10/05/2000	Germany				X
postpria	AAD	A109	DE 297 24 255 U1	10/05/2000	Germany (Abstract)			х	
1070-7		A110	JP 9-165328	06/24/1997	Japan				-x
· 6/°	19/18	A111	JP 9-165328	06/24/1997	Japan (Abstract)			Х	
~ {	1	A112	JP 2000189511	07/11/2000	Japan (Abstract)			X	
aspers	1	A113	JP 2001079011	03/27/2001	Japan (Abstract)			X	
MONI.		A114	NZ 255409	02/24/1997	New Zealand				
		A115	NZ 517377	08/29/2003	New Zealand				
		A116	ES 2 096 521	03/01/1997	Spain				x
	XXX	A117	ES 2 096 521	03/01/1997	Spain (Abstract)			х	
	SAZ	A118	TW 421658	02/11/2001	Taiwan (Abstract)			х	
	1803	A119	WO 91/12823	05/09/1991	WIPO				
	1	A120	WO 93/00063	01/07/1993	WIPO	_			
		A121	WO 95/33553	12/14/1995	WIPO				
		A122	WO 98/26737	06/25/1998	WIPO				
		A123	WO 99/00187	01/07/1999	WIPO				
		A124	WO 99/51278	10/14/1999	WIPO				
		A125	WO 00/032112	06/08/2000	WIPO (Corrected Version)				
		A126	WO 01/72281	10/04/2001	WIPO				
		A127	WO 01/93920	12/13/2001	WIPO				
	n .	A128	WO 03/016364	02/27/2003	WIPO				
	\mathbb{N}	A129	WO 03/051451	06/26/2003	WIPO				
		A130	WO 2004/019999	03/11/2004	WIPO				
		A131	WO 2004/073688	09/02/2004	WIPO				
	-	77							

Examiner Signature

Date Considered

1,5

EXAMINER/Initials citation considered fraw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	******		Application No. 10/830,195	
	closure Statement oplicant	Applicant Marcia Buiser et al.		
(Use several si (37 CFR §1.98(b))	neets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742	

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Trans	slation
nitial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
94107	A132	WO 2004/075989	09/10/2004	WIPO				

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner	Desig.	
//nitjal	ID	<u>Document</u>
THAT	A133	Abbara et al., "Transcervical Expulsion of a Fibroid as a Result of Uterine Artery Embolization for Leiomyomata", JVIR, Vol. 10, No. 4, pp. 409-411, 1999
	A134	Abrahams, J.M. et al., "Topic Review: Surface Modifications Enhancing Biological Activity of Guglielmi Detachable Coils in Treating Intracranial Aneurysms", Surg. Neurol. 54:34-41, 2000
	A135	Abrahams, J.M. et al., "Delivery of Human Vascular Endothelial Growth Factor with Platinum Coils Enhances Wall Thickening and Coil Impregnation in a Rat Aneurysm Model", AJNR Am. J. Neuroradiol. 22:1410-1417, August 2001
	A136	Ahuja, A.A., "Platinum Coil Coatings to Increase Thrombogenicity: A Preliminary Study in Rabbits", AJNR Am. J. Neuroradiol. 14:794-798; July/August 1993
	A137	Antibody Labeling, http://www.altcorp.com/AffinityLabeling/ablaeling.htm, pp. 1-6, May 20, 2003
	A138	Berkowitz, R.P. et al., "Vaginal Expulsion of Submucosal Fibroids After Uterine Artery Embolization", Journal of Reproductive Medicine, Vol. 44, No. 4, pp. 373-376; April 1999 http://www.reproductivemedicine.com
	A139	Bourke et al., "Protein Drug Release from Photocrosslinked Poly(vinyl alcohol) Hydrogels," Society for Biomaterials 28th Annual Meeting Transactions, p. 144 (2002)
	A140	Bradley, E.A. et al., "Transcatheter Uterine Artery Embolisation to Treat Large Uterine Fibroids", British Journal of Obstetrics and Gynaecology, Vol. 105, pp. 235-240; February 1998
	A141	Brockmann, J. et al., "Radiolabeling of p-Bz-DOTA-CD-11c antibody with 88Y: Conjugation, Labeling, Biodistribution studies", 2 pages, 2000 http://www.kernchemie.uni-mainz.de/downloads/jb2000/b14_brockmann.pdf
	A142	Capozza et al., "Endoscopic treatment of vesico-ureteric reflux and urinary incontinence: technical problems in the paediatric patient," <i>British Journal of Urology</i> , 75(4):538-542 (April 1995)
	A143	Carroll, B.A. et al., "Microbubbles as Ultrasonic Contrast Agents", <i>Investigative Radiology</i> , Vol. 14, No. 3, p. 374, Supplement to May-June 1979
	A144	Carroll, B.A. et al., "Gelatin Encapsulated Nitrogen Microbubbles as Ultrasonic Contrast Agents", Journal of Clinical and Laboratory Research, Vol. 15, No. 1, pp. 260-266, February 1980
	A145	Carstensen, E.L. et al., "Determination of the Acoustic Properties of Blood and its Components", Journal of Acoustical Society of America, Vol. 25, No. 2, pp. 286-289, March 1953
	A146	Cirkel, U. et al., "Experience with Leuprorelin Acetate Depot in the Treatment of Fibroids: A German Multicentre Study", Clinical Therapeutics, Vol. 14, Suppl. A, 1992
	A147	Concentric Medical, Inc Product Information (3 pages), 2002
	A148	Cruise et al., "In Vitro and In Vivo Characterization of a Hydrogel-Based Ancurysm Embolization System," Society for Biomaterials 28th Annual Meeting Transactions, p. 203 (2002)
	A149	Deasy, P. B., "Microencapsulation and Related Drug Processes", New York, NY, Marcel Dekker, Inc., 345 pages, 1984 (Table of Contents only)
<u> </u>		

	· //			
Examiner Signature	/ 5/		Date Considered 2-1	9-07-
EXAMINER: Initials ci	ation considered. Draw	line through citation if no	t in conformance and not consi	dered. Include copy of this form with
next communication to	applicant.			
V				Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-459001	Application No. 10/830,195	
	closure Statement oplicant	Applicant Marcia Buiser et al.		
(Use several sh (37 CFR §1.98(b))	eets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742	

		ocuments (include Author, Title, Date, and Place of Publication)			
Examiner \(\int \] Initial	Desig. ID	Document			
AHP	A150	de Gast, A.N. et al., "Transforming Growth Factor β-coated Platinum Coils for Endovascular Treatment of Aneurysms: An Animal Study", Neurosurgery, Vol. 49, No. 3, pp. 690-696, Sept. 2001			
	. A151	Duckwiler et al., "Catheters, embolic agents spark neurointervention," Diagnostic Imaging, 16(5):66-72 (May 1994)			
	A152	Ersek et al., "Bioplastique: A New Textured Copolymer Microparticle Promises Permanence in Soft-Tissue Augmentation," Plastic and Reconstructive Surgery, 87(4):693-702 (April 1991)			
	A153	Eskridge, "Interventional Neuroradiology," Radiology, 172:991-1006 (November 1989)			
	A154	Feldman, L. et al., "Transcatheter Vessel Occlusion: Angiographic Results Versus Clinical Success", Radiology, Vol. 147, pp. 1-5, April 1983			
	A155	Ferrofluids, Physical Properties and Applications Ferrofluidics Corp., Nashua, NH, 5 pages, 1986			
Ó MES	A156	FeRx Incorporated, FERX Profile http://www.biotechshares.com/FERX.htm , 4 pages (Retrieved from the internet on June 26, 2003)			
	A157	"Fibroid Treatment Collective - Fibroid Embolization," 2 pages, http://www.fibroids.org			
	A158	Fritzsch, T. et al., "SH U 508, A Transpulmonary Echocontrast Agent", Investigative Radiology, Vol. 25, Supplement 1, pp. S160-S161, September 1990			
	A159	Fujimoto, S. et al., "Biodegradable Mitomycin C Microspheres Given Intra-Arterially for Inoperable Hepatic Cancer", Cancer, Vol. 56, pp. 2404-2410, 1985			
	A160	Gilbert, W.M. et al., "Angiographic Embolization in the Management of Hemorrhagic Complications of Pregnancy", American Journal of Obstetrics and Gynecology, Vol. 166, No. 2, pp. 493-497, February 1992			
	A161	Goldberg, B.B., "Ultrasonic Cholangiography", Radiology, Vol. 118, pp. 401-404, February 1976			
	A162	Gramiak et al., "Echocardiography of the Aortic Root," Investigative Radiology, 3(5):356-366 (September-October 1968)			
	A163	Gramiak, R. et al., "Ultrasound Cardiography: Contrast Studies in Anatomy and Function", Radiology, Vol. 92, No. 5, pp. 939-948, April 1969			
	A164	Greenwood, L.H. et al., "Obstetric and Nonmalignant Gynecologic Bleeding: Treatment with Angiographic Embolization", Radiology, Vol. 164, No. 1, pp. 155-159, July 1987			
	A165	Gupta et al., "Plasma-induced graft polymerization of acrylic acid onto poly(ethylene terephthalate) films: characterization and human smooth muscle cell growth on grafted films," <i>Biomaterials</i> , 23:863-871 (2002)			
	A166	Halstenberg et al., "Biologically Engineered Protein-graft-Poly(ethylene glycol) Hydrogels: A Cell Adhesive and Plasmin-Degradable Biosynthetic Material for Tissue Repair," <i>Biomacromolecules</i> , 3(4):710-723 (2002)			
	A167	Hirano et al., "Transcutaneous Intrafold Injection For Unilateral Vocal Fold Paralysis: Functional Results," Ann. Otol. Rhinol Laryngol., 99(8):598-604 (August 1990)			
	A168	"Injectable Tissue Implant Could Repair Ravages of Surgery", Clemson University, Biotech Week, Oct. 22, 2003, p. 117			
	A169	Jones, S.K. et al., "Experimental Examination of a Targeted Hyperthermia System Using Inductively Heated Ferromagnetic Microspheres in Rabbit Kidney", <i>Phys. Med. Biol.</i> , Vol. 46, No. 2, pp. 385-398, February 2001, www.iop.org/Journals/pb			
Examiner Signa	را ال	Date Considered 219-07			
EXAMINER: In	tials citation	n considered araw line through citation if not in conformance and not considered. Include copy of this form with licant.			

Substitute Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 01194-459001	Application No. 10/830,195	
1	closure Statement	Applicant Marcia Buiser et al.		
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date April 22, 2004	Group Art Unit 1742	

	Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner	Desig.				
Initial	1D	Document			
SHR	A170	Jung et al., "Sulfobutylated poly(vinyl alcohol)-graft-poly(lactide-co-glycolide)s facilitate the preparation of small negatively charged biodegradable nanospheres," Journal of Controlled Release, 67:157-169 (2000)			
	A171	Kallmes, D.F. et al., "In Vitro Proliferation and Adhesion of Basic Fibroblast Growth Factor-producing Fibroblasts on Platinum Coils", Radiology, Vol. 206, No. 1, pp. 237-243, January 1998			
	A172	Kerber, C., "Balloon Catheter with a Calibrated Leak", Radiology, Vol. 120, pp. 547-550, September 1976			
	A173	Khankan et al., "Embolic Effects of Superabsorbent Polymer Microspheres in Rabbit Renal Model: Comparison with Tris-acryl Gelatin Microspheres and Polyvinyl Alcohol," <i>Radiation Medicine</i> , 22(6):384-390 (2004)			
	A174	Kim et al., "Hollow Silica Spheres of Controlled Size and Porosity by Sol-Gel Processing," J. Am. Ceram. Soc., 74(8):1987-1992 (August 1991)			
	A175	Kim et al., "Poly(vinyl alcohol) beads with core-shell structure for drug delivery," Cosmetic and Pharmaceutical Applications of Polymers, Plenum Press, New York, pp. 209-214 (1991)			
	A176	Kim et al., "Suspension polymerized poly(vinyl alcohol) beads for drug delivery," Polymeric Materials: Science and Engineering, Proceedings of the ACS Division of Polymeric Materials: Science and Engineering, 63:64-67 (1990)			
	A177	Kochan, J.P. et al., "Interventional Neuroradiology: Current Practices and Techniques at Temple University Hospital," http://www.temple.edu/radiology/stroke.html , 5 pages			
	A178	Krinick et al., "A polymeric drug delivery system for the simultaneous delivery of drugs activatable by enzymes and/or light," J. Biomater. Sci. Polymer Edn, 5(4):303-324 (1994)			
	A179	Kuhn, R. et al., "Embolic Occlusion of the Blood Supply to Uterine Myomas: Report of 2 Cases", Aust. NZ. J. Obstet. Gynaecol., Vol. 39, No. 1, pp. 120-122, February 1999			
	A180	Kurbatova, G.T. et al., "Magnetically-guided Anesthetics Based on Highly Dispersed Iron Powders Coated by Polyacrylamide", <i>Biofizika</i> , Vol. 47, No. 2, pp. 331-337, March-April 2002 http://intapp.medscape.com/px/medlineapp			
	A181	Laurent, "Materials and biomaterials for interventional radiology," Biomed. & Pharmacother., 52:76-88 (1998)			
	A182	Lemperle et al., "PMMA Microspheres for Intradermal Implantation: Part I. Animal Research," Annals of Plastic Surgery, 26(1):56-63 (January 1991)			
	A183	Lendlein, A. et al., "Biodegradable, Elastic Shape-Memory Polymers for Potential Biomedical Applications", Science, Vol. 296, pp. 1673-1676, May 31, 2002			
·	A184	Leventon, William, "Hemocompatible Coatings for Blood-Contacting Devices", Medical Device & Diagnostic Industry: Coating Technologies – New Methods to Ensure Blood Compatibility, Vol. 25, No. 8, pp. 62-67, August 2003			
	A185	Levy et al., "Transcatheter Uterine Artery Embolization for the Treatment of Symptomatic Uterine Fibroid Tumors," Journal of Women's Imaging, 2(4):168-175 (2000)			
	A186	Lipman, "Uterine artery embolization for the treatment of symptomatic uterine fibroids: A review," Applied Radiology, 29(7):15-20 (July 2000)			
Ψ	A187	Lowery, C.L. et al., "Screening Tests for Intrauterine Growth Retardation: A Comparison of Umbilical Artery Doppler to Real-Time Ultrasound", <i>Echocardiography</i> , Vol. 7, No. 2, pp. 159-164, March 1990			

Examiner Signature	Date Considered $e - 19 - 07$
EXAMINER: Initials ditation considered. Draw line through citation if no	t in conformance and not considered. Include copy of this form with
next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-459001	Application No. 10/830,195	
1	closure Statement	Applicant Marcia Buiser et al.		
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date April 22, 2004	Group Art Unit 1742	

	Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner	Desig.	Decument			
AAS	1D A188	Document Marich, K.W. et al., "Real-Time Imaging with a New Ultrasonic Camera: Part I, In Vitro Experimental Studies on Transmission Imaging of Biological Structures", Journal of Clinical Ultrasound, Vol. 3, No. 1, pp. 5-16, March 1975			
	A189	Maruhashi, "Modified Polyvinyl Alcohols I and II," Polyvinyl Alcohol - Developments, John Wiley & Sons, Chichester, England, pp. 160-161 and pp. 186-191 (1992)			
	A190	Marx, W. F. et al., "Endovascular Treatment of Experimental Aneurysms by Use of Biologically Modified Embolic Devices: Coil-mediated Intraaneurysmal Delivery of Fibroblast Tissue Allografts", AJNR. Am. J. Neuroradiol., Vol. 22, pp. 323-333, February 2001			
	A191	Mather, P.T., Research Group Homepage, Basic Goals and Methods, http://www.ims.uconn.edu/~mather , 4 pages			
	A192	Matsumoto, H. et al., "Basic Fibroblast Growth Factor Released from a Platinum Coil with a Polyvinyl Alcohol Core Enhances Cellular Proliferation and Vascular Wall Thickness: An In Vitro and In Vivo Study", Neurosurgery, Vol. 53, No. 2, pp. 402-408, August 2003			
	A193	Matsumoto, Y. et al., "Room-Temperature Ferromagnetism in Transparent Transition Metal-Doped Titanium Dioxide", Science, Vol. 291, pp. 854-856, February 2, 2001 www.sciencemag.org			
	A194	McIvor, J. et al., "Pregnancy After Uterine Artery Embolization to Control Haemorrhage from Gestational Trophoblastic Tumour", <i>British Journal of Radiology</i> , Vol. 69, No. 823, pp. 624-629, July 1996			
	A195	MerocelXL Sponge with Hytrol http://www.xomed.com/newproducts/merocelxl/merocelxl_earwick.asp , 3 pages, 2001			
	A196	Moroz, P. et al., "Arterial Embolization Hyperthermia in Porcine Renal Tissue", Journal of Surgical Research, Vol. 105, No. 2, pp. 209-214, June 15, 2002			
	A197	Moroz, P. et al., "Hepatic Clearance of Arterially Infused Ferromagnetic Particles", Int. J. Hyperthermia, Vol. 19, No. 1, pp. 23-24, February 2003, http://www.tandf.co.uk/journals			
	A198	Namiki, "Application of Teflon Paste for Urinary Incontinence – Report of 2 Cases," Uro. Int., 39:280-282 (1984)			
	A199	Orienti et al., "Crosslinked Polyvinylalcohol Hydrogels as Vehicles for Hydrophilic Drugs," Arch. Pharm. Pharm. Med. Chem., 333:421-424 (2000)			
	A200	Orsini, L. F. et al., "Pelvic Organs in Premenarcheal Girls: Real-Time Ultrasonography", Radiology, Vol. 153, No. 1, pp. 113-116, October 1984			
	A201	Pedley et al., "Hydrogels in Biomedical Applications," British Polymer Journal, 12:99-110 (September 1980)			
V	A202	Phillips, D. R. et al., "Experience with Laparoscopic Leiomyoma Coagulation and Concomitant Operative Hysteroscopy", J. Am. Assoc. Gynecol. Laparosc, Vol. 4, No. 4, pp. 425-533, August 1997			
	/·/ /				

/	L	<u></u>	
Examiner Signature	711		Date Considered
- W/		6~	\mathbb{S}_{2} \mathbb{S}_{2}
. 194	χ		19-07
EXAMINER: Initials	itatio	on considered. Draw line through citation if no	t in conformance and not considered. Include copy of this form with
next communication to			

Substitute Form PTO-1449 U.S. Department of Commerce (Modified) Patent and Trademark Office		Attorney's Docket No. 01194-459001	Application No. 10/830,195
	closure Statement	Applicant Marcia Buiser et al.	
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date April 22, 2004	Group Art Unit 1742

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
SHAS	A203	Pistel et al., "Brush-like branched biodegradable polyesters, part III Protein release from microspheres of poly(vinyl alcohol)-graft-poly(D,L-lactic-co-glycolic acid)," Journal of Controlled Release, 73:7-20 (2001)
	A204	Politano et al., "Periurethral Teflon Injection for Urinary Incontinence," The Journal of Urology, 111:180-183 (1974)
	A205	Poppe, W. et al., "Pregnancy after Transcatheter Embolization of a Uterine Arteriovenous Malformation", Am. J. Obstet. Gynecol., Vol. 156, No. 5, pp. 1179-1180, May 1987
	A206	Progelhof et al., "Table 4.21. Properties of electrical insulating films (101)," Polymer Engineering Principles: Properties, Processes, and Tests for Design, Hanser Publishers, Munich, p. 383 (1993)
	A207	PVA Plus, AngioDynamics® Inc., "Reliable PVA Foam Formulated for Consistency and Controlled Delivery – Embolization Particles Ordering Information," www.angiodynamics.com , 2 pages (August 2002)
	A208	Ravina, J.H. et al., "Advantage of Pre-Operative Embolization of Fibroids: About a Multicentric Set of 31 Cases", Contracept. Fertil. Sex., Vol. 23, No. 1, pp. 45-49, January 1995 (abstract)
	A209	Ravina, J.H. et al., "Arterial Embolisation to Treat Uterine Myomata", Lancet, Vol. 346, pp. 671-674, September 9, 1995
	A210	Ravina, J.H. et al., "Interest of Particulate Arterial Embolization in the Treatment of Some Uterine Myoma", Bull. Acad. Natle. Med., Vol. 181, No. 2, pp. 233-246, February 4, 1997 (Summary)
	A211	Rhine et al., "Polymers for Sustained Macromolecule Release: Procedures to Fabricate Reproducible Delivery Systems and Control Release Kinetics," <i>Journal of Pharmaceutical Sciences</i> , 69(3):265-270 (March 1980)
	A212	Schetky, "Shape-Memory Alloys," Encyclopedia of Chemical Technology, Third Edition, Volume 20, John Wiley & Sons, New York, pp. 726-736 (1982)
	A213	Schlief, R. et al., "Enhanced Color Doppler Echocardiography of the Left Heart After Intravenous Injection of a New Saccharide Based Agent in Humans", <i>Circulation</i> , Vol. 82, No. 2, p. 28, October 1990 (Abstract)
	. A214	Schlief, R. et al., "Successful Opacification of the Left Heart Chamber on Echocardiographic Examination after Intravenous Injection of a New Saccharide Based Contrast Agent", Echocardiography, Vol. 7, No. 1, pp. 61-64, January 1990
	A215	Shafik, "Intraesophageal Polytef injection for the treatment of reflux esophagitis," Surg. Endosc., 10:329-331 (1996)
	A216	Shape Shifters, http://www.sciam.com/tehbiz/0501scicit6.html, 3 pages, 2001
V	A217	Shung, K.K. et al., "Scattering of Ultrasound by Blood", IEEE Transactions on Biomedical Engineering, Vol. BME-23, No. 6, pp. 460-467, November 1976

		 \sim		
Examiner Signature	Ζ		Date Considered	219165
EXAMINER: Initials		e through citation i	not in conformance and r	not considered. Include copy of this form with

Substitute Form PTO-1449 (Modified)			Application No. 10/830,195	
	closure Statement	Applicant Marcia Buiser et al.		
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date April 22, 2004	Group Art Unit 1742	

(Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
ANS	A218	Sigelmann, R.A. et al., "Analysis and Measurement of Ultrasound Backscattering from an Ensemble of Scatters Excited by Sine-Wave Bursts", <i>Journal of Acoustical Society of America</i> , Vol. 53, No. 4, pp. 1351-1355, April 1973
	A219	SIR-Spheres (Yttrium-90 Microspheres), pp. 1-12
	A220	SIR-Spheres, Radioactive Implant (Yttrium-90 Microspheres), Sirex Medical, Inc., San Diego, CA, November 6, 2000, pp. 1-15
	A221	Sirtex Medical Limited – Product Description http://www.sirtex.com/?p=72 , 3 pages (Retrieved from the internet on May 27, 2003)
	A222	Sirtex Medical Limited – Targeted Radiotherapy with SIR-Spheres http://www.sirtex.com/?p=57 , 2 pages (Retrieved from the internet on May 27, 2003)
	A223	Siskin et al., "Pathologic Evaluation of a Spherical Polyvinyl Alcohol Embolic Agent in a Porcine Renal Model," J. Vasc. Interv. Radiol., 14:89-98 (2003)
	A224	Skotland, T. et al., "In Vitro Stability Analyses as a Model for Metabolism of Ferromagnetic Particles (Clariscan™), a Contrast Agent for Magnetic Resonance Imaging", J. Pharm. Biomed. Anal., Vol. 28, No. 2, pp. 323-329, April 15, 2002
	A225	"Smart Sutures Tie Themselves", April 26, 2002, http://www.sciam.com/article.cfm?articleID=00047706-121F-1CD0-B4A8809EC588 , 2 pages
	A226	Smith et al., "Evaluation of Polydimethylsiloxane as an alternative in the Endoscopic Treatment of Vesicoureteral Reflux," <i>The Journal of Urology</i> , 152:1221-1224 (October 1994)
	A227	Smith et al., "Left Heart Opacification with Peripheral Venous Injection of a New Saccharide Echo Contrast Agent in Dogs", JACC, Vol. 13, No. 7, pp. 1622-1628, June 1989
	A228	Soppimath et al., "Controlled release of antihypertensive drug from the interpenetrating network poly(vinyl alcohol)-guar gum hydrogel microspheres," J. Biomater. Sci. Polymer Edn, 11(1):27-43 (2000)
	A229	Stancato-Pasik, A. et al., "Obstetric Embolotherapy: Effect on Menses and Pregnancy", Radiology, Vol. 204, No. 3, pp. 791-793, September 1997
	A230	Stein, R. et al., "Targeting Human Cancer Xenografts with Monoclonal Antibodies Labeled Using Radioiodinated, Diethylenetriaminepentaacetic Acid-appended Peptides", Clinical Cancer Research, Vol. 5, No. 10, pp. 3079-3087, October 1999 (Supplement)
	A231	Strasnick et al., "Transcutaneous Teflon® Injection for Unilateral Vocal Cord Paralysis: An Update," The Laryngoscope, 101:785-787 (July 1991)
	A 32	Tamatani, S. et al., "Histological Interaction of Cultured Endothelial Cells and Endovascular Embolic Materials Coated with Extracellular Matrix", J. Neurosurg., Vol. 86, No. 1, pp. 109-112, January 1997
A .		

Examiner Signature	Date Considered 🕖 📗
	1/19
\(\lambda \)	$V I O^{\mathfrak{q}}$
EXAMINER: Mitials citation considered. Draw line through citation if	not in conformance and not considered. Include copy of this form with
next communication to applicant.	The time defined and the combined out who also copy of this form that
treat communication to applicant.	
	Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)			Application No. 10/830,195	
	closure Statement plicant	Applicant Marcia Buiser et al.		
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date April 22, 2004	Group Art Unit 1742	

. (Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
AHS	A233	Thelen, V.M. et al., "Catheter Embolisation of Metastasising Renal Carcinomas Using Butyle-2-cyano-acrylate", Fortschr. Rontgenstr., Vol. 124, No. 3, pp. 232-235, March 1976
/ /	A234	Tian et al., "Design and synthesis of amphiphilic poly (ethylene glycol) derivatives as micellar drug delivery systems," <i>Polymer Preprints</i> , 43(2):719-720 (Fall 2002)
	A235	Toon, "Improving a Key Weapon Against Cancer," Research Horizons, pp. 11-12, Spring/Summer 2001
	A236	Waltman, A.C. et al., "Technique for Left Gastric Artery Catheterization", Radiology, Vol. 109, No. 3, pp. 732-734, December 1973
	A237	White, Jr., "Embolotherapy in Vascular Disease," American Journal of Roentgenology, 142:27-30 (January 1984)
	A238	Widder, K.J. et al., "Selective Targeting of Magnetic Microspheres Containing Adriamycin: Total Remission in Yoshida Sarcoma-Bearing Rats", Proceedings of the 16 th Annual Meeting of American Society of Clinical Oncology, May 26-27, 1980, San Diego, CA, p. 261
	A239	Widder, K. et al., "Magnetic Microspheres: Synthesis of a Novel Parenteral Drug Carrier", Journal of Pharmaceutical Sciences, Vol. 68, No. 1, pp. 79-82, January 1979
	A240	Winters et al., "Periurethral injection of collagen in the treatment of intrinsic sphincteric deficiency in the female patient," The Urologic Clinics of North America, 22(3):673-678 (August 1995)
	A241	Wu, A.M., "Engineered Antibodies for Breast Cancer Imaging and Therapy," http://www.cbcrp.org/research/PageGrant.asp?grant_id=111 , 3 pages, 1996
	A242	Yamashita, Y. et al., "Transcatheter Arterial Embolization of Obstetric and Gynaecological Bleeding: Efficacy and Clinical Outcome", <i>British Journal of Radiology</i> , Vol. 67, pp. 530-534, June 1994
	A243	Yoon et al., "Surface Immobilization of Galactose onto Aliphatic Biodegradable Polymers for Hepatocyte Culture," <i>Biotechnol. Bioeng.</i> , 78(1):1-10 (April 5, 2002)
	A244	Zisch et al., "Covalently conjugated VEGF-fibrin matrices for endothelialization," Journal of Controlled Release, 72:101-113 (2001)
Y	A245	Ziskin, M.C. et al., "Contrast Agents for Diagnostic Ultrasound", <i>Investigative Radiology</i> , Vol. 7, No. 6, pp. 500-505, November-December 1972

Examiner Signature

Date Considered

1.1

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet <u>1</u> of <u>1</u>

OCT 1 9 7005

Substitute (Modified) orm PTO-1449 U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 01194-459001

Application No. 10/830,195

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Buiser et al.

Applicant

Group Art Unit

(37 CFR §1.98(b))

Filing Date April 22, 2004

1742

		_	U.S. Pate	ent Documents			
Examiner Milal	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
VIII	AA	4,713,076	12/15/1987	Draenert			
JAHRS	AB	5,756,127	05/26/1998	Grisoni et al.			

esig. ID AC	Document Number	Publication Date	Country or			Trons	1-41
	Number	Data				Trans	lation
AC		Date	Patent Office	Class	Subclass	Yes	No
•••	WO 01/12359	02/22/2001	WIPO				
AD	WO 01/66016	09/13/2001	WIPO				
AE	WO 03/082360	10/09/2003	WIPO				
AF	WO 03/084582	10/16/2003	WIPO				
AG	WO 2004/014446	02/19/2004	WIPO				
AH	WO 2004/020011	03/11/2004	WIPO				1
	AE AF AG	AE WO 03/082360 AF WO 03/084582 AG WO 2004/014446	AE WO 03/082360 10/09/2003 AF WO 03/084582 10/16/2003 AG WO 2004/014446 02/19/2004	AE WO 03/082360 10/09/2003 WIPO AF WO 03/084582 10/16/2003 WIPO AG WO 2004/014446 02/19/2004 WIPO	AE WO 03/082360 10/09/2003 WIPO AF WO 03/084582 10/16/2003 WIPO AG WO 2004/014446 02/19/2004 WIPO	AE WO 03/082360 10/09/2003 WIPO AF WO 03/084582 10/16/2003 WIPO AG WO 2004/014446 02/19/2004 WIPO	AE WO 03/082360 10/09/2003 WIPO AF WO 03/084582 10/16/2003 WIPO AG WO 2004/014446 02/19/2004 WIPO

(Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner	Desig.	
ln/tial	_ ID	Document
4/1/17	AI	International Search Report and Written Opinion for PCT/US2005/013816, mailed August 18, 2005

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet,	1		•
\nee t	- 1	of	
		~ t	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-459001	Application No. 10/830,195	
i e	losure Statemen P E	Applicant Buiser et al.		
(Use several she (37 CFR §1.98(b))	ets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742	

			Vy,S. Pate	of Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Y446/	AA	6,544,544	04/08/2003	Hunter et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
-	ΑI						
	AJ						
	AK						

	Foreig	n Patent Doo	uments or Pu	blished Foreign	Patent A	Application	าร	
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
	AL							
	AM							
	AN					_		!
	AO							
	AP							

	Other Documents (include Author, Title, Date, and Place of Publication)						
Examiner Initial	Desig. ID	Document					
	AQ						
	AR						
	AS						
	AT						

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line the next communication to applicant.	rough citation if not in conformance and not considered. Include copy of this form with
TOOK COMMISSION OF OPPOSITE	Substitute Disclosure Form (PTO-1449)

AUG 3 '	1 2004 O		
Substitute Form PTO-	U.S. Separtment of Commerce	Attomey's Docket No. 01194-459001	Application No. 10/830,195
Information Disc by App	osure Statement	Applicant Buiser et al.	·
(Use several she	ets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742

U.S. Patent Documents								
Exam		Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
4	#3	AA	2,609,347	09/02/1952	Wilson			
7		AB	3,663,470	05/16/1972	Nishimura et al.			
		AC	3,737,398	06/05/1973	Yamaguchi			
		AD	3,957,933	05/18/1976	Egli et al.		-	
		AE	4,025,686	05/24/1977	Zion			
		AF	4,055,377	10/25/1977	Erickson et al.			
		AG	4,076,640	02/28/1978	Forgensi et al.			
		AH	4,098,728	07/04/1978	Rosenblatt			
		AI	4,110,529	08/29/1978	Stoy			
		AJ	4,191,672	03/04/1980	Salome et al.			
		AK	4,198,318	04/15/1980	Stowell et al.		- ,	
		AL	4,243,794	01/06/1981	White et al.			
		AM	4,246,208	01/20/1981	Dundas		· · <u>-</u>	
		AN	4,266,030	05/05/1981	Tschang et al.			
		AO	4,268,495	05/19/1981	Muxfeldt et al.			
		AP	4,271,281	06/02/1981	Kelley et al.			
		AQ	4,413,070	11/01/1983	Rembaum			
		AR	4,427,794	01/24/1984	Lange et al.		,	
		AS	4,428,869	01/31/1984	Munteanu et al.			
	ġ	ΑĮ̈́T	4,429,062	01/31/1984	Pasztor et al.			
		AU	4,442,843	04/17/1984	Rasor et al.		•	
		AV	4,444,961	04/24/1984	Timm			
		AW	4,452,773	06/05/1984	Molday			
	/	AX	4,456,693	06/26/1984	Welsh			
1	7	AY	4,459,145	07/10/1984	Elsholz		· · · · · · · · · · · · · · · · · · ·	
	1	ΑZ	4,472,552	09/18/1984	Blouin			
	/	AA	4,477,255	10/16/1984	Pasztor et al.			
- 1	/ 	- /\ 		l				

Examiner Signature	Date Considered
	The solution of the solution o
	0 1 9 0 7
	1 / / /
EVANINED: Initial Mitation appointed Describe through situation if	at the second second second to during a second to the second seco
EXAMINER: Initials citation considered. Draw line through citation if n	of in conformance and not considered. Include copy of this form with
nout name unication to monitorat	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	1 11		
	closure Statement pplicant	Applicant Buiser et al.		
(Use several s	heets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742	

U.S. Patent Documents							
Examiner	Desig.	Document	Publication				Filing Date
Initial	ID	Number	Date	Patentee	Class	Subclass	If Appropriate
4448	ABB	4,492,720	01/08/1985	Moiser			
	ACC	4,522,953	06/11/1985	Barby et al		_	
	ADD	4,542,178	09/17/1985	Zimmermann et al.			
	AEE	4,551,132	11/05/1985	Pasztor et al.			
	AFF	4,551,436	11/05/1985	Johnson et al.		-	
	AGG	4,573,967	03/04/1986	Hargrove et al.		,	
	АНН	4,622,362	11/11/1986	Rembaum			
	AII	4,623,706	11/18/1986	Timm et al.			
	AJJ	4,657,756	04/14/1987	Rasor et al.			
	AKK	4,661,137	04/28/1987	Garnier et al.			
	ALL	4,663,358	05/05/1987	Hyon et al.			
	AMM	4,671,954	06/09/1987	Goldberg et al.			
	ANN	4,675,113	06/23/1987	Graves et al.			
,	AOO	4,678,814	07/07/1987	Rembaum			
	APP	4,678,710	07/07/1987	Sakimoto et al.			
	AQQ	4,680,320	07/14/1987	Uku et al.			
	ARR	4,681,119	07/21/1987	Rasor et al.			
	ASS	4,742,086	05/03/1988	Masamizu et al			
	ATT	4,743,507	05/10/1988	Franses et al.			
	AUU	4,772,635	09/20/1988	Mitschker et al.			
	AVV	4,782,097	11/01/1988	Jain et al.			
	AWW	4,789,501	12/06/1988	Day et al.			
	AXX	4,795,741	01/03/1989	Leshchiner et al.			
\ /	AYY	4,801,458	01/31/1989	Hidaka et al.			
	AZZ	4,804,366	02/14/1989	Zdeb et al.			
	AAAA	4,819,637	04/11/1989	Dormandy, Jr. et al.			
W	ABBB	4,822,535	04/18/1989	Ekman et al.			

		<u></u>	
Examiner Signature /		Date Considered	1 1
	// /		
U	// / 5		1-19/24
1 /0/	// /)		
	-\		
EXAMINER: Initials citation	on considered. Oraw line thi	rough citation if not in conformance an	d not considered. Include copy of this form with
next communication to app		<u> </u>	, ,
Tiest communication to ap	piicarit.		

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attomey's Docket No. 01194-459001	Application No. 10/830,195	
	closure Statement	Applicant Buiser et al.		
(Use several sh	eets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742	

	U.S. Patent Documents						
Examir			Publication				Filing Date
W/9	ID ID	Number C 4,833,237	Date 05/23/1989	Patentee Kawamura et al	Class	Subclass	If Appropriate
YV	ACC	C 4,833,237	03/23/1969	Nawamura et ai			
11	ADD	D 4,850,978	07/25/1989	Dudar et al.			
	AEE	4,859,711	08/22/1989	Jain et al.			
	AFF	4,863,972	09/05/1989	Itagaki et al.			
	AGG	G 4,929,400	05/29/1990	Rembaum et al.			
	АНН	H 4,933,372	06/12/1990	Feibush et al			
	Alli	_ 1	09/04/1990	Tani et al			
	AJJJ	4,981,625	01/01/1991	Rhim et al.			
	AKK	4,990,340	02/05/1991	Hidaka et al.			
	ALL	4,999,188	03/12/1991	Sloldovnik et al.			
	AMM	5,007,940	04/16/1991	Berg			
	ANN	5,011,677	04/30/1991	Day et al.			
	A000	5,032,117	07/16/1991	Motta			
	APPI	5,034,324	07/23/1991	Shinozaki et al.			
	AQQ	5,047,438	09/10/1991	Feibush et al.			
	ARRI	5,079,274	01/07/1992	Schneider et al.			
	ASSS	5,106,903	04/21/1992	Vanderhoff et al.			
	ATT	5,114,421	05/19/1992	Polak			
	AUU	5,116,387	05/26/1992	Berg		-	
	AVV	5,120,349	06/09/1992	Stewart et al.			
	AWW		06/30/1992	Drudik			
	AXXX	. 1	09/15/1992	Glajch et al.			
	AYYY	5,147,937	09/15/1992	Frazza et al.			
	AZZZ	_1	09/22/1992	Cohen et al.			
	AAAA	5,158,573	10/27/1992	Berg			
	ABBB	' '	12/15/1992	Kolber et al.			
\ \/	ACCC	A,171,217	12/15/1992	March et al.			
· V			·		. 		J

Examiner Signature,			Date Considered 2-11-07
	ノ		
7/			1 11 0-1-
	<u> </u>		
EXAMINER: Initials/citation	on considered	. Draw line through citation if n	ot in conformance and not considered. Include copy of this form with
next communication to an	nlicant	• ,	· · · · · · · · · · · · · · · · · · ·

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	•		
	closure Statement pplicant	Applicant Buiser et al.		
(Use several sheets if necessary)		Filing Date April 22, 2004	Group Art Unit 1742	

U.S. Patent Documents								
Examiner	Desig.	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
Mia	ID		03/02/1993	Ishihara	Class	Subclass	ii Appropriate	
ZVY	ADDDD							
	AEEEE	5,202,352	04/13/1993	Okada et al.				
	AFFFF	5,216,096	06/01/1993	Hattori et al.				
	AGGGG	5,253,991	10/19/1993	Yokota et al.				
	АНННН	5,260,002	11/09/1993	Wang				
	AIIII	5,262,176	11/16/1993	Palmacci et al.				
	AJJJJ	5,288,763	02/22/1994	Li et al.				
	AKKKK	5,292,814	03/08/1994	Bayer et al.				
	ALLLL	5,302,369	04/12/1994	Day et al.				
	AMMM	5,314,974	05/24/1994	Ito et al.				
	ANNNN	5,316,774	05/31/1994	Eury et al.				
	A0000	5,344,452	09/06/1994	Lemperle				
	APPPP	5,344,867	09/06/1994	Morgan et al.				
	AQQQQ	5,354,290	10/11/1994	Gross	1.			
	ARRRR	5,369,133	11/29/1994	Ihm et al.				
	ASSSS	5,369,163	11/29/1994	Chiou et al.				
	ATTTT	5,369,710	06/17/1997	Lo et al.				
	AUUUU	5,382,260	01/17/1995	Dormandy, Jr. et al.				
	AVVVV	5,384,124	01/24/1995	Courteille et al.				
	AWWWW	5,397,303	03/14/1995	Sancoff et al.				
		5,398,851	03/21/1995	Sancoff et al.				
	AYYYY	5,403,870	04/04/1995	Gross				
	AZZZZ	5,417,982	05/23/1995	Modi #				
	AAAAA	5,431,174	07/11/1995	Knute				
	АВВВВВ	5,435,645	07/25/1995	Faccioli et al.				
	ACCCCC	5,456,693	10/10/1995	Conston et al.				
V	ADDDDD	5,468,801	11/21/1995	Antonelli et al.				

Examiner Signature	イ	1	6		Date Considered			
//	-L				V 11. 50			
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								
								

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-459001	Application No. 10/830,195	
	closure Statement pplicant	Applicant Buiser et al.		
(Use several sheets if necessary) (37 CFR \$1.98(b))		Filing Date April 22, 2004	Group Art Unit 1742	

U.S. Patent Documents							
Examiner	Desig.	Document	Publication				Filing Date
Mitigal	ID	Number	Date	Patentee	Class	Subclass	If Appropriate
XXIII	AEEEEE		11/28/1995	Unger et al.			
,	AFFFFF	5,476,472	12/19/1995	Dormandy, Jr. et al.			
	AGGGGG	5,484,584	01/16/1996	Wallace et al.			
	АНННН	5,490,984	02/13/1996	Freed			·
	AIIIII	5,494,682	02/27/1996	Cohen et al.			
	AJJJJ	5,494,940	02/27/1996	Unger et al.		,	
	AKKKKK	5,512,604	04/30/1996	Demopolis			
	ALLLLL	5,514,090	07/07/1996	Kriesel et al.			
	AMMMMI	5,525,334	06/11/1996	Ito et al.			
	ANNNN		07/09/1996	Hager et al.			
	A00000	5,541,031	07/30/1996	Yamashita et al.			
	APPPPP	5,542,935	08/06/1996	Unger et al.			
		5,553,741	09/10/1996	Sancoff et al.			
		5,556,610	09/17/1996	Yan et al.			
	ASSSSS	5,556,931	09/17/1996	Cercone et al.			
	, ,	5,558,255	09/24/1996	Sancoff et al.			
	AUUUUL	5,558,822	09/24/1996	Gitman et al.			
		5,558,856	09/24/1996	Klaveness et al.			
	wwww	5,559,266	09/24/1996	Klaveness et al.			
	AXXXXX	5,567,415	10/22/1996	Porter			
	/	5,569,193	10/29/1996	Hofstetter et al.			
		5,569,449	10/29/1996	Klaveness et al.			
	ΑΛΑΛΑ	5,569,468	10/29/1996	Modi			
	1	5,571,182	11/05/1996	Ersek et al.			
	ACCCCC	5,580,575	12/03/1996	Unger et al.			
	ADDDDD	5,583,162	12/10/1996	Li et al.			
W	AEEEE	5,885,112	12/17/1996	Unger et al.			
Evaminer Sign	1//			Data Capaldorod			

Examiner Signature	Date Considered	2-11-07
EXAMINER: Initials citati next communication to ap	citation if not in conformance a	nd not considered. Include copy of this form with

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-459001	Application No. 10/830,195	
	closure Statement oplicant	Applicant Buiser et al.		
(Use several st	eets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742	

U.S. Patent Documents								
	niner	Desig.	Document	Publication			• •	Filing Date
	itipi A	ID	Number	Date	Patentee	Class	Subclass	If Appropriate
	471	AFFFFF		01/21/1997	Hager et al.			
		AGGGGG		04/22/1997	Takada et al.			
	ľ	АННННН	5,624,685	04/29/1997	Takahashi et al.			
		AIIIIII	5,635,215	06/03/1997	Boschetti et al.			
		VIIIII	5,637,087	06/10/1997	O'Neil et al.			
	1	AKKKKK	5,639,710	07/17/1997	Lo et al.			
	1	ALLLLLI	5,648,095	07/15/1997	Illum et al.			
		ммммм	5,648,100	07/15/1997	Boschetti et al.		-	
	1	ANNNNN		07/22/1997	Thompson			,
			5,651,990	01/29/1997	Takada et al.			
		APPPPP	5,653,922	08/05/1997	Li et al.			
		AQQQQQ	5,657,756	08/19/1997	Vrba			
		ARRRRRI	5,681,576	10/28/1997	Henry			,
		ASSSSS	5,715,824	02/10/1998	Unger et al.			
		ATTTTT	5,695,480	12/09/1997	Evans et al.			
		AUUUUU	5,695,740	12/09/1997	Porter		-	
			5,698,271	12/16/1997	Liberti et al.			
		I I	5,701,899	12/30/1997	Porter			·
		AXXXXX	5,716,981	02/10/1998	Hunter et al.			
		AYYYYY	5,718,884	02/17/1998	Klaveness et al.			
		AZZZZZ2	5,723,269	03/03/1998	Akagi et al.			
	1	AAAAA		03/10/1998	Rasmussen			
		ВВВВВВ	5,746,734	05/05/1998	Dormandy, Jr. et al.			·
	. , ,	CCCCC	i i	05/19/1998	Rhee et al.		•	
		DDDDDL	5,760,097	06/02/1998	Li et al.			
		AEEEEEE	¹ 5,766,147	06/16/1998	Sancoff et al.			
		AFFFFF	7,770,222	06/23/1998	Unger et al.			
<u> </u>	<u> </u>							

Examiner Signature	Date Considered 2 -/9-0 7
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	I in conformance and not considered. Include copy of this form with

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-459001	Application No. 10/830,195	
ł .	closure Statement	Applicant Buiser et al.		
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date April 22, 2004	Group Art Unit 1742	

U.S. Patent Documents							
Examiner	Desig.	Document	Publication	S-44	2	Cubalasa	Filing Date
nitia	ID	Number	Date	Patentee	Class	Subclass	If Appropriate
XVA/TS	GGGGG		07/14/1998	Grabenkort	ļ		
7	ннннн	5,785,642	07/28/1998	Wallace et al.			
' _	AIIIIIII	5,785,682	07/28/1998	Grabenkort			
	AJJJJJJ		08/11/1998	Lawin et al.			
	KKKKKK	5,795,562	08/18/1998	Klaveness et al.			
	ALLLLL	5,797,953	08/25/1998	Tekulve			
	иммммі	5,807,323	09/15/1998	Kriesel et al.			
	NNNNN	5,813,411	09/29/1998	Van Bladel et al.			
·	000000	5,823,198	10/20/1998	Jones et al.			
	APPPPPP	5,827,502	10/27/1998	Klaveness et al.			
	QQQQQ	5,827,531	10/27/1998	Morrison et al.			
	RRRRRR	5,830,178	11/03/1998	Jones et al.			
	ASSSSS	5,833,361	11/10/1998	Funk			
	ATTTTTT	5,846,518	12/08/1998	Yan et al.			
	יטטטטע	5,853,752	12/29/1998	Unger et al.			
	vvvvv	5,855,615	01/05/1999	Bley et al.		····	
	wwww	5,863,957	01/26/1999	Li et al.			
	XXXXXX	5,876,372	03/02/1999	Grabenkort et al.			
	YYYYY	5,877,224	03/02/1999	Brocchini et al.			
	AZZZZZZ	5,885,547	03/23/1999	Gray			
	AAAAA	5,885,216	03/29/1999	Evans, III et al.		· · · · · · · · · · · · · · · · · · ·	
	вввввв	5,888,546	03/30/1999	Ji et al.			
	ccccc	5,894,022	04/13/1999	Ji et al.			
	DDDDDD	5,899,877	04/04/1999	Leibitzki et al.			·
	EEEEEE		04/06/1999	Irie			
	AFFFFFF	5,895,411	04/20/1999	Irie			
V	GGGGG	5,902,882	05/11/1999	Van Bladel et al.			

Examiner Signature			Date Considered	·	
				7	19-67
			1		, , ,
EXAMINER: Initials cit	ation considered. Drav	w line threagh citation if r	not in conformance and	not considered	. Include copy of this form with
next communication to	applicant.				
				Subs	titute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-459001	Application No. 10/830,195	
1	closure Statement pplicant	Applicant Buiser et al.		
(Use several s	heets if necessary)	Filing Date April 22, 2004	Group Art Unit	

U.S. Patent Documents								
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
PLAS	ннннн		07/13/1999	Hubbard	0.000		үргэрх — з	
Y	AIIIIIII	5,922,304	07/13/1999	Unger				
	VIIIIIII	5,928,626	07/27/1999	Klaveness et al.				
	KKKKKK	5,935,553	08/10/1999	Unger et al.				
	LLLLLLI	5,951,160	09/14/1999	Ronk ·				
	ммммм	5,957,848	09/28/1999	Sutton et al.			,	
	ииииии	5,959,073	09/28/1999	Schlameus et al.				
	00000	6,003,566	12/21/1999	Thibault et al.				
	APPPPPPP	6,015,546	01/18/2000	Sutton et al.			·	
	QQQQQ	6,027,472	02/22/2000	Kriesel et al.				
	RRRRRRI	6,028,066	02/22/2000	Unger				
	ASSSSSS	6,047,861	04/11/2000	Vidal et al.				
	TTTTTT	6,051,247	04/18/2000	Hench et al.				
	บบบบบบ	6,059,766	05/09/2000	Greff				
	vvvvv	6,063,068	05/16/2000	Fowles et al.			·	
	wwww	6,071,495	06/06/2000	Unger et al.				
	xxxxx	6,071,497	06/06/2000	Steiner et al.				
	YYYYYY	6,073,759	06/13/2000	Lamborne et al.				
	ZZZZZZ	6,090,925	07/18/2000	Woiszwillo et al.				
	AAAAA	6,096,344	08/01/2000	Liu et al.				
	вввввв		08/07/2000	Lund				
	ccccc	6,099,864	08/08/2000	Morrison et al.				
	DDDDDD		08/08/2000	Li et al.				
	EEEEÉEE	6,139,963	10/31/2000	Fujii et al.				
	FFFFFFF	6,149,623	11/21/2000	Reynolds				
	GGGGGG	6,162,377	12/19/2000	Ghosh et al.				
	ннннн	6,165,193	12/26/2000	Greene, Jr. et al.				
V								

Examiner Signature Date Considered	
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this for	orm with
next communication to applicant.	
Substitute Disclosure Form	(PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Altomey's Docket No. 01194-459001	Application No. 10/830,195	
Information Disclosure Statement by Applicant		Applicant Buiser et al.		
(Use several sh	neets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742	

U.S. Patent Documents								
Examiner	Desig.	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date	
Initial	AIIIIIIII		02/20/2001	Lee et al.	Ciass	Subclass	If Appropriate	
177	AIIIIIIII		04/10/2001	Vanderhoff et al.		<u> </u>		
	KKKKKK		05/01/2001	Amsden et al.				
	LLLLLL		05/01/2001	Bao et al.				
 	имммми	C 22C 224 D1	05/22/2001	Mathiowitz et al.	-			
	NNNNN	6,238,403 B1	05/29/2001	Greene, Jr. et al.			,	
/	000000	6,258,338	07/10/2001	Gray				
	PPPPPPP	6,261,585 B1	07/17/2001	Sefton et al.				
	QQQQQ	6,264,861 B1	07/24/2001	Tavemier et al.				
	KRRRRR	6,267,154 B1	07/31/2001	Felicelli et al.				
	sssssss	6,268,053 B1	07/31/2001	Woiszwillo et al.				
	rrrrrr	6,277,392 B1	08/21/2001	Klein				
	טטטטטע	2001/0016210 A1	08/23/2001	Mathiowitz et al.				
	vvvvv		09/18/2001	Freeman et al.				
	rwwww	6,306,427	10/23/01	Annonier et al.				
	XXXXXX	.0"	10/23/2001	Bley				
	YYYYY	2001/0001835	05/24/2001	Greene, Jr. et al.				
	ZZZZZZZ	2001/0036451 A1	11/01/2001	Goupil et al.				
	AAAAA	6,315,709	11/13/201	Garibaldi et al.				
	вввввы	2001/0051670 A1	12/13/2001	Goupil et al.				
	ccccc	6,335,384 B1	01/01/2002	Evans et al.				
	DDDDDD	6,344,182 B1	02/05/2002	Sutton et al.				
/	EEEEEEE	6,394,965 B1	05/28/2002	Klein				
	FFFFFFF	6,423,332 B1	07/23/2002	Huxel et al.				
	GGGGG	6,432,437 B1	08/13/2002	Hubbard				
$\backslash X$	ннннн	6,602,524 B2	08/05/2003	Batich et al.				
	AIIIII	6,680,046	01/20/2004	Boschetti				
					<u></u>	,		

Examiner Signature

Date Considered

2-(g-
EXAMINER: fillials enation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attomey's Docket No. 01194-459001	Application No. 10/830,195	
	closure Statement pplicant	Applicant Buiser et al.		
(Use several s	heets If necessary)	Filing Date April 22, 2004	Group Art Unit 1742	

	U.S. Patent Documents									
Examiner hitial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate			
AA	וווווווווווא	H915 (US Statutory Invention Registration)	05/07/1991	Gibbs	-					

				ublished Foreign	Patent A	Application		
Examiner (Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Tran Yes	slation No
- <i>1/11/</i> -/-	KKKK	0 422 258 A1	10/1989	Europe (Abstract)			Х	
	LLLLL	0 422 258 A1	10/1989	Europe				х
M.	мммм	0 402 031	05/1990	Europe				
7 1	NNNN	0 470 569 A1	02/1992	Europe				
þc	00000	0 547 530 B1	06/1993	Ешторе				
PP	PPPPP	0 600 529A	12/1993	Europe		***		
- RC	QQQQ	0 623 012 B1	11/1994	Europe				
RF	RRRR	0 706 376 B1	04/1996	Europe				
SS	ssssss	EP 0 730 847 A1	09/1996	Europe				
T	TTTT	0 744 940 B1	12/1996	Europe		····		
TU	עטטטען	0 797 988 A2	10/1997	Europe		···		
	·VVVV	DE 94 14 868.6	02/1995	Germany				х
WAS IN	www	DE 94 14 868.6	02/1995	Germany (abstract)			x	
XX	XXXX	DE 100 26 620 A 1	03/2002	Germany				Х
& Attory	YYYY	DE 100 26 620 A 1	03/2002	Germany (abstract)			Х	
5MF \$27	ZZZZZZ	4-74117	03/1992	Japan (abstract)			Х	
A	AAAAA	4-74117	03/1992	Japan (full)				_X_
A A BBI	ввввв	6-57012	03/1994	Japan (abstract)			Х	
- 50	cccc	6-57012	03/1994	Japan (full)	1			X
AA3 DI	DDDDI	9-1/0678	04/1997	Japan (abstract)			Х	
EE	EEEEE	9-110/578	04/1997	Japan (full)				Х
xaminer Signatur		1		Date Considered 2	19	~ OF	<u> </u>	
VALABLED. I-141-	decitation	considered Draw	ine through citation	if not in conformance and no	t considered	Include convio	thic form	with

ABS PARE

11

1)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attomey's Docket No. 01194-459001	Application No. 10/830,195
	closure Statement oplicant	Applicant Buiser et al.	
(Use several sh	neets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742

		Foreig	n Patent Doo	uments or P	ublished Foreign F	Patent A	Application	าร	
Examin		Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Cubalaaa		lation
Initia		FFFFFF	9-316271	12/1997	Japan (abstract)	Class	Subclass	Yes X	No
PUV	<u>)</u>	GGGGG	9-316271	12/1997	Japan (full)				Х
100				05/1998	Japan (abstract)			Х	
700		ннннн	10-130329	05/1998	Japan (full)				X
		AHHHHI		03/1998	Japan (Rutt)	 			
plas.	•	AJJJJJJJJJ.	(abstract only)	01/2002	Japan			Х	
JA.	\checkmark	жкккк	59-196738	11/1984	Japan (abstract)			Х	
		LLLLL	59-196738	11/1984	Japan (full)				X
WW	5	1MMMMI	62-45637	02/1987	Japan (abstract)			. X	
		NNNNN	62-45637	02/1987	Japan (full)				Х
4/4	5	000000	WO 00/23054	04/2000	WIPO				
1		PPPPPPP	WO 00/40259	07/2000	WIPO				
	ï	QQQQQQ	WO 00/71196	11/2000	WIPO				
		RRRRR	WO 00/74633 A2	12/2000	WIPO				
		SSSSSSS	WO03/082359	09/2003	WIPO				
		TTTTTT	WO 02/43580 A2	06/2002	WIPO				
		υυυτυι	WO 02/11696 A2	02/2002	WIPO				
		vvvvv	WO 01/70291 A2	09/2001	WIPO				
		wwww	WO 01/76845 A1	10/2001	WIPO			·	
		XXXXX	WO 92/21327	12/1992	WIPO				
	V	ΥΥΥΥΥ	WO 93/19702	10/1993	WIPO				
1	1	zzzzzz	WO 94/10936	05/1994	WIPO			-	
		AAAAA	WO 95/03036	02/1995	WIPO				
		вввввы	WO 95/22318	08/1995	WIPO				
		ccccc		12/1996	WIPO				
	$ \mathcal{V} $	DDDDD	WO 96/37165	11/1996	WIPO				

Ţi

1-1

EXAMINER: Initials distation considered. Drawling through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-459001	Application No. 10/830,195
	closure Statement	Applicant Buiser et al.	
,	heets if necessary)	Filing Date April 22, 2004	Group Art Unit
(37 CFR §1.98(b))		/ ipin 22, 200 i	1172

	Foreign Patent Documents or Published Foreign Patent Applications								
Exa	niner	Desig.	Document	Publication	Country or			Trans	lation
<i>₩</i>	/lan_	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
1	\boldsymbol{m}	EEEEEEI	WO 98/04616	02/1998	WIPO		-		
	1/	FFFFFFF	WO 98/10798	03/1998	WIPO				
		GGGGG	WO98/47532	10/1998	WIPO				
		ннннн	WO 99/12577	03/1999	WIPO				
	-	AIIIIIIIII	WO 99/43380	09/1999	WIPO				
1	/	וננננננננ	WO 99/57176	11/1999	WIPO				
11	/	KKKKKK	WO 02/34298	05/2002	WIPO				
17		LLLLLLI	WO 02/34299	05/2002	WIPO				
		ммммм	WO 02/34300	05/2002	WIPO				
U		<u> </u>	•	·					

	Other Documents (include Author, Title, Date, and Place of Publication)			
Examiner	Desig.			
Initial	ID	Document		
		"Pulmonary artery pseudoaneurysm/aneurysm"		
A-HK	NNNNN			
Y/VIN 2		http://www.mamc.amedd.army.mil/williams/chest/vascular/paaneurysm/paaneyrysm.htm		
	00000	Bachtsi, A.R. et al., "An Experimental Investigation of Enzyme Release from Poly(vinyl alcohol)		
	500000	crosslinked Microspheres", J. Microencapsulation, Vol. 12, No. 1, pp. 23-35; 1995.		
	PPPPPPP	Barr, J.D., et al., "Polyvinyl Alcohol Foam Particles Sizes and Concentrations Injectable through		
		Microcatheters", JVIR, Vol. 9, No. 1, pp. 113-118; 1998.		
1 1	booogo	Barton, P. et al., "Embolization f Bone Metastases", Journal of Vascular and Interventional		
	KVVVV	Radiology, Vol. 7, No. 1, Jan-Feb. 1990, p. 81-88		
1 /		Beaujeux, R. et al., "Trisacryl Gelatin Microspheres for Therapeutic Embolization, II: Preliminary		
1 1	RRRRRR	Clinical Evaluation in Tumors and Arteriovenous Malformations," AJNR Am. J. Neuroradiol.		
		17:541-548, March 1996		
1 1		Barttinelli, L. et al., "New Class of Poly(vinyl alcohol) Polymrs as Column-Chromatography		
1 1	SSSSSSS			
		No. 1, pp. 47-55; 1996. Abstract. http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?		
$\mathbb{N} \setminus \mathbb{Z}$	TITTIT	Berenstein, A. et al., "Catheter and Material Selection for Transarterial Embolization: Technical		
1	1	Considerations. II. Materials.", Radiology, Vol. 132, No. 3, pp. 631-639; 1979.		
 	1	Berenstein, A. et al., "Microembolization Techniques of Vascular Occlusion: Radiologic,		
 				
W		Abstract, http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?		
\'		Bruix, J. et al., "Transarterial Embolization Versus Symptomatic Treatment in Patients With		
l \I	VVVVVV	Advanced Hepatocellular Carcinoma: Results of a Randomized, Controlled Trial in a Single		
1 V	[' ' ' '	Institution' Hepatology, June 1998, Vol. 27, No. 6, pp. 1578-1583		
L_V		Available Web Site: http://www.hepatitis-central.com/hcv/hcc/embolization/references.html		

			//		4
Examiner Signature		1		\mathcal{I}	Date Considered - 19 - 2
	<u> </u>	\mathbb{L}		\sum_{i}	0110"
EXAMINER: Initials of	ta∦on con	side	red. Draw line throl	igh c	itation if not in conformance and not considered. Include copy of this form with
next communication to					
					Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-459001	Application No. 10/830,195	
	losure Statement plicant	Applicant Buiser et al.		
(Use several she (37 CFR §1.98(b))	eets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742	

(Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
	wwww	DALLY EVER DE THE STATE OF THE
XX	xxxxx	Burczak, et al., "Long-term in vivo performance and biocompatibility of poly (vinyl alcohol)
	YYYYYY	Burczak, et al., "Polymeric materials for biomedical purposes obtained by radiation methods. V. hybrid artificial pancreas", Polim Med, Vol. 24, No. 1-2, pp. 45-55, 1994, abs: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db = PubMed&list_uids=7915, pp. 1, 2002.
	.ZZZZZZZ	Choe, et al., "An experimental study of embolic effect according to infusion rate and concentration of suspension in transarterial particulate embolization", <i>Invest Radiol</i> , Vol. 32, No. 5, pp. 260-270, 1997, abs: <a entrez="" href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=" http:="" query.fcgi?cmd='retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve</td' www.ncbi.nlm.nih.gov="">
	AAAAA	Chuang et al., "Experimental Canine Hepatic Artery Embolization with Polyvinyl Alcohol Foam Particles", Departments of Diagnostic Radiology and Veterinary Medicine, The University of Texas, M.D. Anderson Hospital and Tumor Institute at Houston, Texas, pp. 21-25, October 1982
	вввввв	Clarian Health Methodist - Indiana Lions Gamma Knife Center, "Arteriovenous Malformation" Available Web Site: http://www.clarian.com/tyhealth/gammaknife/cond_arter.asp
	ccccc	Colombo M, "Treatment of Hepatocellular Carcinoma", University of Milan, Inst Internal Med, Irccs Maggiore Res Unit Liver, Canc, Firc, Via Pace 9 1-20122 Milan, Italy Source: Journal of Viral Hepatitis, 1997;4:125-130 Available Web Site: http://home.texoma.net/~moreland/stats/hcc-9.html
	DDDDDI	Derdeyn, et al., "Collagen-coated acrylic microspheres for embolotherapy: in vivo and in vitro
	EEEEEEE	Derdeyn, et al., "Polyvinyl alcohol particle size and suspension characteristics", American Journal of Neuroradiology, Vol. 16, pp. 1335-1343, 1995.
	'FFFFFFF	DiLuccio et al., "Sustained-Release Oral Delivery of Theophylline by Use of Polyvinyl Alcohol and Polyvinyl Alcohol-Methyl Acrylate Polymers", <i>Journal of Pharmaceutical Sciences</i> , January 1994, Vol. 83, No. 1, pp. 104-106
	GGGGGG	Gander, et al., "Effect of polymeric network structure on drug release from cross-linked poly(vinyl alcohol) micromatrices", Pharm Res, Vol. 6, No. 7, pp. 578-584, 1989, abs: <a entrez="" href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=" http:="" query.fcgi?cmd='retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez</td' www.ncbi.nlm.nih.gov="">
	нинни	Germano, et al., "Histopathological follow-up study of 66 cerebral arteriovenous malformations after therapeutic embolization with polyvinyl alcohol", J Neurosurg, Vol. 76, No. 4, pp. 607-614, 1992, abs: <a entrez="" href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=" http:="" query.fcgi?cmd='retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http:/</td' www.ncbi.nlm.nih.gov="">
	111111111	Geschwind et al., "Chemoembolization of Liver Tumor in a Rabbit Model: Assessment of Tumor dell Death with Diffusion-Weighted MR Imaging and Histologic Analysis", Journal of Vascular and Interventional Radiology, December 2000, Vol. 11, No. 10, pp. 1244-1255

Examiner Signature

Date Considered

Graw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-459001	Application No. 10/830,195	
	closure Statement	Applicant Buiser et al.		
(Use several sh	eets if necessary)	Filing Date	Group Art Unit	
(37 CFR §1.98(b))		April 22, 2004	1742	

		Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examir Mitja		Desig. ID	Document .
X	Γ_{z}	יונונונונונו יי	Gohel, et al., "Formulation design and optimization of modified-release microspheres of diclofenac
	X	KKKKK	Goodwin et al. "Overview of embelia agents and their indications" Florenth Annual International
		LLLLLLL	Goodwin, et al., "Preliminary experience with uterine artery embolization for uterine fibroids", Journal of Vascular and Interventional Radiology, Vol. 8, No. 4, pp. 517-526, 1997.
		иммми	Grandfils, et al., "Preparation of poly (D,L) lactide microspheres by emulsion solvent evaporation, and their clinical implications as a convenient embolic material", J Biomed Mater Res, Vol. 26, No. 4, pp. 467-479, 1992, abs: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=PubMed&list_uids=1601900&dopt=Abs , pp. 1, 2002.
		NNNNN	Hamada at al. "Embalization with callulars margus hands II. Clinical Tais?" also
		000000	Horak, et al., "Hydrogels in endovascular embolization. I. Spherical particles of poly (2-hydroxyethyl methacrylate) and their medico-biological properties", Biomaterials, Vol. 6, 1985
		PPPPPPP	Horak, et al., "Hydrogels in endovascular embolization. II. Clinical use of spherical particles", Biomaterials, Vol. 7, 1986.
		QQQQQQ	Huang, et al., "Percutaneous endovascular embolization of intracerebral arteriovenous malformations. Experience in 72 cases", Chin Med J, Vol. 108, no. 6, pp. 413-419, 1995, abs: <a entrez="" href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=" http:="" query.fcgi?cmd='retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/ent</td' www.ncbi.nlm.nih.gov="">
	-	RRRRRR	International Search Report for International Application No. PCT/US01/06981 (2 pages)
		SSSSSSS	Jack, et al., "Radiolabeled polyvinyl alcohol particles: a potential agent to monitor embolization procedures", Int J Rad Appl Instrum B, Vol. 13, No. 3, pp. 235-243, 1986, abs: <a entrez="" href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=" http:="" query.fcgi?cmd='retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entr</td' www.ncbi.nlm.nih.gov="">
		TTTTT	Jiaqi, Y. et al., "A New Embolic Material: Super Absorbent Polymer (SAP) Microsphere and Its Embolic Effects," Nippon Acta Radiologica 1996 (56): 19-24
		υυυυυι	Joy C, et al., 1991, "Use of Preoperative Embolization in the Treatment of Vascular Metastatic Lesions of the Spine" Available Web Site: http://www.aaos.org/wordhtml/anmeet91/scipro/ppr472.htm
		yvvvv	Kai, et al., "The utility of the microcrystalline cellulose sphere as a particulate embolic agent: an experimental study", <i>American Journal of Radiology</i> , Vol. 21, No. 6, pp. 1160-1163, 2000, or http://www.ajnr.org/cgi/content/full/21/6/1160 , pp. 1-7, 2002.
	//	www	Kan, et al., "In vivo microscopy of the liver after injection of lipiodol into the hepatic artery and portal vein in the rat", Acta Radiologica, Vol. 30, pp. 419-425, 1989.
MIZ		xxxxx	Kerber et al., "Polyvinyl Alcohol Foam: Prepackaged Emboli for Therapeutic Embolization", American Journal Roentgenol, June 1978, Vol. 130, pp. 1193-1194
			Kerber, "Flow-Controlled Therapeutic Embolization: A Physiologic and Safe Technique", AJR, March 1980, Vol. 134, pp. 557-561
M			

\						
Exampler Signature			Date Considered			
9/				1-10	1	
)		1		1/07	
EXAMINER: Initial citation	considered. Draw like t	hrough citation if no	ot in conformance and	not consider	ed. Include cor	y of this form with
next communication to applic	cant.	• • • • • • • • • • • • • • • • • • • •			••••	,
				Su	bstitute Disclos	ure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attomey's Docket No. 01194-459001	Application No. 10/830,195
1	closure Statement pplicant	Applicant Buiser et al.	
(Use several sheets if necessary) (37 CFR \$1.98(b))		Filing Date April 22, 2004	Group Art Unit 1742

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner	Desig.	
Imitial	ID_	Document "" " " " " " " " " " " " " " " " " "
	ZZZZZZZ	Kim, et al., "Composite poly(vinyl alcohol) beads for controlled drug delivery", Pharm Res, Vol. 9.
XXXX	XLLLLL	
A AI		PubMed&list uids=1589392&dopt=Abs, pp. 1, 2002. Kurata, et al., "Preoperative embolization for meningiomas using PVA particles", No Shinkei Geka,
<i>Y</i>		Vol. 20, No. 4, pp. 367-373, 1992, abs:
<i>I</i>	AAAAA	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=
		PubMed&list_uids=1570057&dopt=Abs, pp. 1, 2002.
		Kurosaki et al., "Evaluation of PVA-Gel Spheres as GI-Transit Time Controlling Oral Drug
1 1	вввввв	
		Bioactive Materials, July 26-31, 1992, Orlando, Florida, pp. 273-274
		Kusano, et al., "Low-dose particulate polyvinylalcohol embolization in massive small artery
	ccccc	interestinal hamographaga, Experimental and clinical regults? Impact Padial Vol. 22, No. 5, pp. 200
	cecce	392, 1987, abs: <a entrez="" href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=" http:="" query.fcgi?cmd='retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/guery.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/guery.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/guery.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/guery.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/guery.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/guery.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/guery.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/guery.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/guery.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/guery.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/guery.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/guery.fcgi?cmd=retrieve&db="http:</td' www.ncbi.nlm.nih.gov="">
		PubMed&list_uids=34963, pp. 1, 2002.
	DDDDDD	Labarre et al., "Complement activation by substituted polyacrylamide hydrogels for embolisation
	טטטטטט	and implantation", Biomaterials, Vol. 23, pp. 2319-2327, 2002
	[]	Lammer, et al., "Transcatheteral embolization with polyvinyl alcohol—technic and experimental
	EEEEEEE	studies", Rontgenblatter, Vol. 36, No. 1, pp. 10-14, 1983, abs: http://www.ncbi.nlm.nih.gov/entrez/
		query.fcgi?cmd=retrieve&db=PubMed&list_uids=6823530&dop=Abs, pp. 1, 2002.
1 1	FFFFFFF	Latchaw et al., "Polyvinyl Foam Embolization of Vascular and Neoplastic Lesions of the Head,
 	-	Neck, and Spine", Radiology, June 1979, Vol. 131, pp. 669-679
1 1	GGGGG	Leung et al., "Determinants of Postembolization Syndrome after Hepatic Chemoembolization", Journal of Vascular and Interventional Radiology, March 2001, Vol 12, No. 3, pp. 320-326
		Markoff, et al., "Uterine arteriovenous malformation successfully embolized with a liquid polymer,
l 1	ннннн	isobutyl 2-cyanoacrylate", pp. 659-660, 1999.
		Markus, H.S., "Experimental Aspects of High-Intensity Transient Signals in the Detection of
1	үшшшш	Emboli," J Clin Ultrasound 23:81-87 (1995)
		Matsumaru, et al., "Embolic materials for endovascular treatment of cerebral lesions", J Biomater
1 1		· · · · · · · · · · · · · · · · · · ·
		query.fcgi?cmd=retrieve&db=PubMed&list_uids=91953, pp. 1, 2002.
1 1	KKKKKK	Mavligit, G. et al., "Gastrointestinal Leiomyosarcoma Metastatic to the Liver, "Cancer, Vol. 75, No.
<u> </u>		8, April 15, 1995, pp. 2083-2088
	,,,,,,,	Mid-America Interventional Radiological Society, 'New Treatment for Uterine Fibroids Avoids
		Available Web Site: http://www.mirs.org/fibroids.htm
 	 / 	Nakabayashi, et al., "Evaluation of particulate embolic materials with MR imaging, scanning
		electron microscopy, and phase-contrast microscopy", American Journal of Neuroradiology, Vol.
	ммммм	18, No. 3, pp. 485-491, 1997, abs:
<u>,</u> V		http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=
N N		PubMed&list_uids=909004, pp. 1, 2002.
		Nakstad, et al., "Embolization of intracranial arteriovenous malformations and fistulas with
\\ \N\	MUNUN	polyvinyl alcohol particles nad platinum fibre coils", Neuroradiology, Vol. 34, No. 4, pp. 348-351,
	4/	\$\frac{1}{92}, abs: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=
Y ä	*/	HubMed&list \uids=15284, pp. 1, 2002.
Examiner Sign	atur it	Date Considered 2 14
.,	71	Date Considered 2-11-07
EXAMINER: In	nitials citation	i considered. Draw line dirough claubil it not in conformance and not considered, include copy of this form with
next communic	ation to appl	icant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-459001	Application No. 10/830,195	
	losure Statement	Applicant Buiser et al.		
(Use several shi	eets if necessary)	Filing Date April 22, 2004	Group Art Unit 1742	

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner	Desig.	
Initial	ID	Document Nich and "Matis and Salar
AF	000000	http://www.ncbi.nlm.nih.gov/entrez/ query.fcgi?cmd=retrieve&db=PubMed&list_uids=92860, pp. 1, 2002.
	PPPPPPP	Nikishin LF et al., 1999, "Interventional radiology in diffuse toxic goiter", European Congress of Radiology – ECR 1999 Available Web Site: http://www.ecr.org/conferences/ecr1999/sciprg/abs/p090041.htm
	२०००००	Imaging, vol. 2, pp. 07-77, 1980.
	RRRRRR	Oregon Health Sciences University, "Fibroid Embolization" Available Web Site: http://www.uhmc.edu/dotter-fibroid
	sssssss	Parker, et al., "A particulate contrast agent with potential for ultrasound imaging of liver", Ultrasound in Medicine and Biology, Vol. 13, No. 9, pp. 555-566, 1987.
	TTTTT	Pesant A.C. et al., 1997, "Dural fistulas involving the cavernous sinus: Treatment by embolization – 7 cases", European Congress of Radiology – ECR 1997 Available Web Site: http://www.ecr.org/conferences/ecr1997/sciprg/abs/9703088p.htm
	שטטטטט	Physicians' Desk Reference Family Guide to Women's Health, "Chapter 7 – Common Disorders of the Reproductive System" Available Web Site: http://www.healthsquare.com/pdrfg/wh/chapters/wh1ch01.htm
	vvvvv	Pritchard, et al., "Poly(Vinyl Alcohol): Basic Properties and Uses", London, England: Gordon and Breach Science Publishers.
	wwww	Pryor J and Berenstein A., "Epistaxis (Nose-bleeds)" Available Web Site: http://www.wehealny.org/inn/Radiology/nosebleeds.html
	xxxxx	Purdy, et al., "Arteriovenous malformations of the brain: choosing embolic materials to enhance safety and ease of excision", <i>J Neurosurg</i> , Vol. 77, No. 2, pp. 217-222, 1992, abs: http://www.ncbi.nlm.nih.gov/entrez/ query.fcgi?cmd=retrieve&db=PubMed&list_uids=16250, pp. 1, 2002.
	YYYYYY	Quisling, et al., "Histopathology analysis of intraarterial polyvinyl alcohol microemboli in rat cerebral cortex", American Journal of Neuroradiology, Vol. 5, pp. 101-104, 1984.
	2222222	Rajan et al., "Sarcomas Metastatic to the Liver: Response and Survial after Cisplatin, Doxorubicin, Mitomycin-C, Ethiodol, and Polyvinyl Alcohol Chemoembolization", Journal of Vascular and Interventional Radiology, February 2001, Vol. 12, No. 2, pp. 187-193
$\Lambda I /$	AAAAA	Ramos, et al., "Tumor vascular signals in renal masses: detection with Doppler US", Radiology, Vol. 168, No. 3, pp. 633-637, 1988.
	вввввв	Repa, I. et al., "Mortalities Associated with Use of a Commercial Suspension of Polyvinyl Alcohol", Radiology 1989; 170:395-399
	ccccc	Rump, A. et al., "Pharmacokinetics of Intraarterial Mitomycin C in the Chemoembolisation Treatment of Liver Metastases", Gen. Pharmac. Vol. 27, No. 4, pp. 669-671, 1996
V	DDDDDI	Schwarz, K.Q., "The Acoustic Filter: An Ultrasonic Blood Filter for the Heart-Lung Machine," J Thoracic and Cardiovascular Surgery 104(6):1647-1653 (1992)

Examiner Signalure

Date Considered

2-19-5

EXAMINER: Initials distress considered. Draw line brough citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 U.S. Department of Commerce (Modified) Patent and Trademark Office		Attorney's Docket No. 01194-459001	•	
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Buiser et al.		
		Filing Date April 22, 2004	Group Art Unit 1742	

	Other D	ocuments (include Author, Title, Date, and Place of Publication)		
Examiner Desig.		Document		
Shafik, A., "Intraesophageal Polytef injection for the treatment of reflux esophagitis", <u>I</u> Surgery and Experimental Research, Faculty of Medicine, Cairo University, Cairo, Egy Received: June 22, 1994; Accepted: October 15, 1994		Shafik, A., "Intraesophageal Polytef injection for the treatment of reflux esophagitis", <u>Department of Surgery and Experimental Research</u> , Faculty of Medicine, Cairo University, Cairo, Egypt, pp. 1-2,		
	FFFFFFF	Spickler, et al., "The MR appearance of endovascular embolic agents in vitro with clinical		
	GGGGG	Spies JB, "Georgetown University Medical Center. Uterine Fibroid Embolization (UFE). An alternative to surgery for patients with uterine fibroids. Literature Review." Available Web Site: http://www.dml.georgetown.edu/fibroids		
	ннннн	Aftery in Pigs, Invest. Radiol. 1984; 19:179-183		
	.111111111111	Strunk, et al., "Treatment of congenital coronary arteriovenous malformations with microparticle embolization", Cathet Cardiovasc Diagn, Vol. 22, No. 2, pp. 133-136, 1991, abs: <a entrez="" href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=" http:="" query.fcgi?cmd='retrieve&db="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db="http://www.ncbi.nlm.nih.gov/entre</th' www.ncbi.nlm.nih.gov="">		
111111111		Swanson DA et al., 1980, "The role of embolization and nephrectomy in the treatment of metastatic renal carcinoma", Urologic Clinics of North America 7(3):719-730, 1980. University of Pennsylvania Cancer Center – Oncolink. Available Web Site: http://www.oncolink.upenn.edu/pdg_html/cites/00/00585.html		
Tabata et		Tabata et al. "Tumor accumulation of poly(vinyl alcohol) of different sizes after intravenous		
LLLLLLL Roentger		Tadavarthy et al., "Polyvinyl Alcohol (Ivalon) as an Embolizing Agent", The American Journal of Roentgenology Radium Therapy and Nuclear Medicine, November 1975, Vol. 125, No. 3, pp. 609-616		
	иммми	Tadavarthy et al., "Polyvinyl Alcohol (Ivalon) as an Embolizing Agent", Seminars in Interventional Radiology, Vol. 1, No. 2, Department of Radiology, University of Minnesota Hospitals, Minneapolis, Minnesota, June 1984, pp. 101-109		
ואמאמא		Tao, et al., "Study of microspheres for embolization of the hepatic artery", Yao Xue Xue Bao, Vol. 23, No. 1, pp. 55-60, 1988, abs: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=PubMed&list_uids=3400477&dop=A , pp. 1, 2002.		
	000000	Sinica Vol. 23, No. 1, pp. 55-60; 1988. Translation.		
	PPPPPP	Terada, et al., "Preoperative embolization of meningiomas fed by ophthalmic branch arteries", Surg Neurol, Vol. 45, No. 2, pp. 161-166, 1996, abs: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=PubMed&list_uids=86070 , pp. 1, 2002.		
	QQQQQ	Thanoo, et al., "Controlled release of oral drugs from cross-linked polyvinyl alcohol microspheres", J Pharm Pharmacol, Vol. 45, No. 1, pp. 16-20, 1993, abs: http://www.nchi.nlm.nih.gov/entrez/query.fcgi?cmd=retrieve&db=PubMed&list_uids=8094438&dop=Abs , pp. 1, 2002.		
	RRRRRR	Thanoo, et al., "Preparation and Properties of Barium Sulphate and Methyl Iothalamate Loaded Poly(vinyl Alcohol) Microspheres as Radiopaque Particulate Emboli", Journal of Applied Bigmaterials, Vol. 2, 67-72 (1991)		

	$_{-}$			
Examiner Signature			_	Date Considered
		/		1-19-02
	<u> </u>			
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with				
next communication to applicant.				

Substitute Form PTO-1449 (Modified)			Attorney's Docket No. Application No. 10/830,195		
Information Disclosure Statement by Applicant (Use several sheets If necessary) (37 CFR §1.98(b))		Applicant Buiser et al.			
		Filing Date April 22, 2004	Group Art Unit 1742		

	Other D	ocuments (include Author, Title, Date, and Place of Publication)		
Examiner Desig.		Document		
ssssss:		Thanoo, et al., "Tantalum loaded silicone micropsheres as particulate emboli", <i>J Microencapsul</i> , Vol. 8, No. 1, pp. 95-101, 1991, abs: http://www.ncbi.nlm.nili.gov/entrez/query.fcgi?cmd=retrieve&db= PubMed&list_uids=1880697&dop=Abs, pp. 1, 2002.		
The Fibroid Embolization Center of the New York United Hospital Medical Center, "Fi Available Web Site: http://www.uhmc.com/fibro2.htm				
	บบบบบเ	The Vanderbilt-Ingram Cancer Center, "Kidney Cancer." Available Web Site: http://www.mc.Vanderbilt.Edu/cancer/cancerinfo/kidney.html		
	vvvvv	Tikkakoski, et al., "Preoperative embolization in the management of neck paragangliomas", Laryngoscope, Vol. 107, pp. 821-826, 1997.		
	/www	Touho, et al., "Intravascular treatment of spinal arteriovenous malformations using a microcatheter—with special reference to serial xylocaine tests and intravascular pressure monitoring", Surgical Neurology, Vol. 42, No. 2, pp. 148-156. 1994, abs: http://www.ncbi.nlm.nih.gov/entrez/ query.fcgi?cmd=retrieve&db=PubMed&list uids=80912, pp. 1, 2002.		
	XXXXXX	UCLA Radiological Sciences, "A summary of terms appearing in this text." Available Web Site: http://www.radsci.ucla.edu:8000/aneurysm/terms.html		
	YYYYY	University Medical Center SUNY Stony Brook, Department of Urology, "Variococele and its treatment." Available Web Site: http://www.hsc.sunysb.edu/urology/male_infvariocoele_and_its_treatment.html		
	Vivas S et al., "Arterioportal fistula and hemobilia in a patient with hepatic transplant", ZZZZZZZ Gastroenterol Hepatol, 1998, Feb;21(2):88-9 Available Web Site: http://www.doyma.es/copiani/revistas/gastro/abstr/abs-p080.html			
	1 1 1 1 1 1 1 1 1 1	Vogel F, "Nonsurgical Management of Uterine Fibroids" Available Web Site: http://www.holyname.org/brochure/fibroids.html		
	вввввві	Wakhloo, et al., "Extended preoperative polyvinyl alcohol microembolization of intracranial meningiomas: Assessment of two embolization techniques", American Journal of Neuroradiology, Vol. 14, pp. 571-582, 1993.		
	ccccc	Walker WJ, "Non Surgical Treatment of Fibroids in the UK by Uterine Artery Embolisation – An Alternative to Hysterectomy, Myomectomy and Myolysis" Available Web Site: http://www.fibroids.co.uk/thepaper.html		
	DDDDDD.	Walsh RM et al., 1998, "Role of Angiography and Embolization for Acute Massive Upper Gastronintestinal Hemorrhage." Department of General Surgery and Radiology, Cleveland Clinic Foundation, Cleveland, Ohio. Available Web Site: http://www.ssat.com/98ddw/abstscorrt-47.html		
	EEEEEEI	Wikholm G et al., 1996, "Embolization of Cerebral Arteriovenous Malformations: Part I – Technique, Morphology, and Complications", Departments of Neurology (CL) and Interventional Radiology (GW, PS), Sahlgrenska University Hospital, Goteborg, Sweden. Neurosurgery. 1996, Sep;39(3):448-57; discussion 457-9. Available Web Site: http://www.wwilkins.com/neurosurgery/0148-396X9-96inter.html		
V	FFFFFFF	Worthington-Kirsch RL, 1999, "Interventionalists offer management option for uterine fibroids." Diagnostic Imaging, pp. 47-49. A ailable Web Site: http://www.dimag.com/references/9903wortrefs.html		
Examiner Signa	ature 🖟	Date Considered 2-19-67		
EXAMINER: In next communic	nitials ditation ation to appl	considered. Draw line through citation if not in conformance and not considered. Include copy of this form with		

Substitute Form PTO-1449 U.S. Department of Commerce (Modified) Patent and Trademark Office		Attorney's Docket No. Application No. 1194-459001 10/830,195		
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Buiser et al.		
		Filing Date April 22, 2004	Group Art Unit 1742	

[Other Documents (include Author, Title, Date, and Place of Publication)			
	Examiner Desig.		Decument	
$\square D$)fijija ID Document			
M	45	GGGGG	Worthington-Kirsch, et al., "Uterine arterial embolization for the management of leiomyomas: Quality-of-life assessment and clinical response", Radiology, Vol. 208, No. 3, 625-629, 1998.	
	HHHHHH Wright, K.D. et al., "Partial Splenic Embolization Using Polyvinyl Alcohol Foam, Dextran, Polystyrene, or Silicone," Radiology 142:351-354, February 1982		Wright, K.D. et al., "Partial Splenic Embolization Using Polyvinyl Alcohol Foam, Dextran, Polystyrene, or Silicone," Radiology 142:351-354, February 1982	
			Yamada, et al., "Extended intraarterial cisplatin infusion for treatment of gynecological cancer after alteration of intrapelvic blood flow and implantation of a vascular access device", Cadiovasc Intervent Radiol (1996) 19:139-145	
		111111111111	Yusi et al., "Submuscosal Injection of Polyvinyl Alcohol in Artificially Created Vesico-Ureteral Reflux: A Preliminary Report," Asian J. Surg. 18(2): 122-127 (April 1995).	
		KKKKKK	Zou, Ying-hua et al., "Experimental Canine Hapatic Artery Embolization with Polyvinyl Alcohol Microspheres", Zong Hua Fang-She Xue ZaZhi, 1989 Dec. 23 (6): 330-332	
V		LLLLLLI	Zou, Ying-hua et al., "Experimental Canine Hapatic Artery Embolization with Polyvinyl Alcohol Microspheres", (Translation) "Zong Hua Fang-She Xue ZaZhi, 1989 Dec. 23 (6): 330-332	

Examiner Signature

Date Considered

EXAMINER: Initials of ation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.